

Sawmill Creek Watershed Restoration Project



Restoration at the Watershed Level

The Sawmill Creek project is a comprehensive watershed restoration effort. An integrated set of best management practices have been designed to address the cumulative impacts of urban and industrial land use on water quality, stream flow, and habitat in the riparian corridor.

Water quality improvements include the reduction of nutrient loadings through wetlands creation, as well as isolating and treating deicing chemicals associated with airport storm water runoff. Water quantity management activities include stormwater retrofits and increasing stream base flows. Habitat improvement projects were designed to match the best attainable stormwater discharge rates. Habitat projects include the restoration of three highly degraded tributaries (5700 feet) using natural channel design approaches. These projects provide sediment and erosion control while restoring fish, invertebrate and riparian habitat. Five fish passage blockages were also eliminated.

Coordination between multiple agencies has been essential to address the cumulative impacts in the watershed. Funding for most of the restoration projects have been incorporated into existing budgets for the development and maintenance of the business and community infrastructure.

Location: Glen Burnie, MD - Anne Arundel County.
South of Baltimore City.

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Sawmill Creek Watershed



Key

- A. Muddy Bridge Branch Stream Restoration
- B. Stream Restoration & Fish Stocking
- C. Stormwater Mgmt Retrofits
- D. Stormwater Mgmt Diversions & Bioretention
- E. Wetlands Restoration & Stormwater
- F. Fish Passage Blockage Removals
- G. Citizen's Activities
- H. Airport runoff best management practices
- I. Sand and Gravel Mine Reclamation



Tributary 9 Restoration during construction.



Tributary 9 Restoration after construction.